



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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December 11, 2000

TO:

~~Internal File~~

THRU:

Daron R. Haddock, Permit Supervisor

DRH

FROM:

James D. Smith, Senior Reclamation Specialist

JDS

RE:

2000 Second Quarter Water Monitoring, Energy West Mining Company, Deer Creek Mine, CA ~~2000-11-WQ00-2~~

1. Were data submitted for all of the MRP required sites? YES [X] NO []

Identify sites not monitored and reason why, if known:

The East Mountain springs are not monitored during the second quarter.

Rilda Canyon wells and RCF1, RCLF1, RCLF2, RCF2, and RCF3 were reported as inaccessible in April.

DCR-01, MHC-01 frozen in April;

MFA1 and MFA2 frozen or inaccessible in April and dry in May and June.

2. On what date does the MRP require a five-year resampling of baseline water data.

See Technical Directive 004 for baseline resampling requirements. Consider the five-year baseline resubmittal when responding to question one above. Indicate if the MRP does not have such a requirement.

Resampling Due Date

Renewal submittal due 10/07/00, renewal due 2/07/01. Baseline analyses were performed in 1996 and will be repeated every 5 years, i.e., next baseline analyses will be in 2001.

3. Were all required parameters reported for each site?

YES [X] NO []

Comments, including identity of monitoring site:

4. Were irregularities found in the data?

YES [X] NO []

Comments, including identity of monitoring site:

UPDES UT-0023604-001 (April 3): Ca outside two standard deviation range;

HCC04: total hardness outside two standard deviation range;

RCF3: K outside two standard deviation range (nondetect);

Main North - Main East: Bicarbonate, total alkalinity, and total hardness outside, barely, two standard deviation range;

TW-10 3rd North XCX-65: TDS outside two standard deviation range;

5. Were DMR forms submitted for all required sites?

1st month, YES [X] NO []
2nd month, YES [X] NO []
3rd month, YES [X] NO []

Identify sites and months not monitored:

6. Were all required DMR parameters reported?

YES [] NO [X]

Comments, including identity of monitoring site:

Monthly, rather than quarterly, average TDS was reported for UT0023604-001.

7. Were irregularities found in the DMR data?

YES [] NO [X]

Comments, including identity of monitoring site:

8. Based on your review, what further actions, if any, do you recommend?

Several values were outside the two standard deviation range. Recommended action is to watch for trends in these parameters.